

10 Rec 18 DEC 2004

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
23 October 2003 (23.10.2003)

PCT

(10) International Publication Number
WO 03/088427 A1(51) International Patent Classification⁷: H01R 13/72,
25/00

(21) International Application Number: PCT/SG03/00090

(22) International Filing Date: 17 April 2003 (17.04.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
PI 20021435 18 April 2002 (18.04.2002) MY

(71) Applicant (for US only): POWER BRIDGE (SINGAPORE) PTE. LTD [SG/SG]; Block 209 Bukit Batok St. 21, #13-172 Singapore 650209 (SG).

(72) Inventor; and

(75) Inventor/Applicant (for US only): YAP, Waa, Han [MY/MY]; 13 Jalan MP 7, Melaka Perdana Resort Homes, 75450 Air Keroh Heights, Melaka (MY).

(74) Agent: O'CONNOR, Teresa; Infinitus Law Corporation, Raffles City Post Office, P.O. Box 259, Singapore 911709 (SG).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,

CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

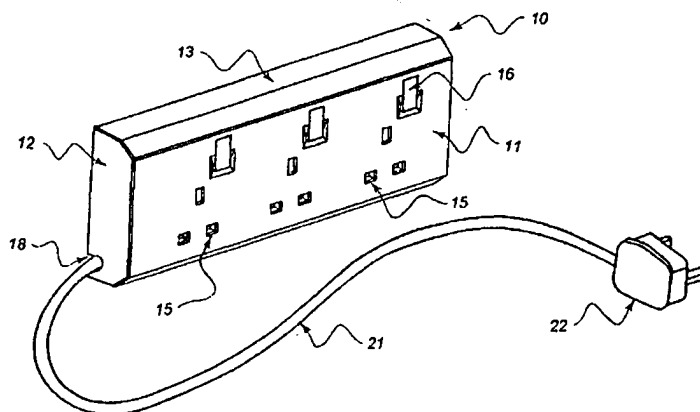
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declarations under Rule 4.17:

as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian

[Continued on next page]

(54) Title: EXTENSION SOCKET DEVICE WITH A CORD STORAGE AND DISPENSING SYSTEM



(57) Abstract: There is disclosed an extension socket device, electrically equipped with a plurality of socket units (15) and a cord storage and dispensing system. The present invention comprises a rectangular housing body (10) formed by two hollow parts, an electrical plug (22) and an extension cord (21). The larger hollow part of the housing body (10) comprises a top wall (11), two end walls (12) and two side walls (13). The smaller hollow part comprises a ring-like intermediate wall (17) and a bottom wall (14), wherein in the intermediate wall and a bottom wall, wherein the intermediate wall and the bottom wall integrally form a working enclosure defining a working space for the wiring mechanism of the socket units (15). A receiving track of predetermined space is formed when the larger hollow part and the smaller hollow part are assembled together. The extension cord (21) of predetermined length in single file is fully retracted into the receiving track. A plurality of flexible retainer means is integrally provided along the bottom edge of the smaller hollow part. Each retainer means covers partially the opening of the receiving track. The cord storage and dispensing system comprises the receiving track and the flexible retainer means.

WO 03/088427 A1